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Applicant: Mostafa S. Fahim
Serial No.: 07/303,747
Filed: January 30, 1989
For: Method of Inhibiting Generation, Maturation, Motility and Viability of Sperm with Minerals in Bioavailable Form

March 8, 1991
Group Art Unit 125
Examiner: Raymond J. Henley III

Amendment A

Commissioner of Patents and Trademarks
Washington, D. C. 20231

Sir:

In response to the Office action of December 4, 1990,
please amend the above-identified application as follows:

IN THE TITLE:

Please delete "AND COMPOSITIONS USEFUL THEREFOR."

IN THE CLAIMS:

Please cancel claims 1 - 29 and add the following new claims.

1
30. A method of inhibiting generation, maturation, motility or viability of sperm in a reproductive tract of an animal comprising applying in said reproductive tract an aqueous solution of a mineral gluconate salt and an amino acid capable of forming the solution, said aqueous solution neutralized to a pH in the range of 6.0 to 7.5 and applied in an amount effective to inhibit generation, maturation, motility or viability of sperm in the reproductive tract and said mineral gluconate salt and said amino acid being present in substantially equal molar amounts at a concentration in the range from about 0.05M to about 2.0M.

2
31. The method of claim 30 wherein the concentration of the mineral gluconate salt and the amino acid is from about 0.05M to about 0.3M.